

**NOTE:** If you own a 1985 or later model, first check the Supplement at the back of the book for any new service information.

## CHAPTER ONE

### GENERAL INFORMATION

This detailed, comprehensive manual covers the Honda ATC 70-125 cc singles manufactured from 1970-on. All of the models and years covered are listed in **Table 1** at the end of this chapter.

The expert text gives complete information on maintenance, tune-up, repair and overhaul. Hundreds of photos and drawings guide you through every step. The book includes all you need to keep your Honda ATC running right and performing well.

A shop manual is a reference. You want to be able to find information fast. As in all Clymer books, this one is designed with you in mind. All chapters are thumb tabbed. Important items are extensively indexed at the rear of the book. All procedures, tables, photos, etc., in this manual assume that the reader may be working on the ATC or using this manual for the first time. All the most frequently used specifications and capacities are summarized on the *Quick Reference Data* pages at the front of the book.

Keep the book handy in your tool box or tow vehicle. It will help you to better understand how the vehicle runs, lower repair and maintenance costs and generally improve your satisfaction with the ATC.

**Table 1** contains engine and frame serial numbers and year of manufacture. This may help if you have purchased a "well-used" 3-wheeler and are not sure of its origin. **Table 1** and **Table 2** are located at the end of this chapter.

#### MANUAL ORGANIZATION

All dimensions and capacities are expressed in English units familiar to U.S. mechanics as well as in metric units.

This chapter provides general information and discusses equipment and tools useful both for preventive maintenance and troubleshooting.

Chapter Two provides methods and suggestions for quick and accurate diagnosis and repair of problems. Troubleshooting procedures discuss typical symptoms and logical methods to pinpoint the trouble.

Chapter Three explains all periodic lubrication and routine maintenance necessary to keep the Honda running well. Chapter Three also includes recommended tune-up procedures, eliminating the need to constantly consult chapters on the various assemblies.

Subsequent chapters describe specific systems such as the engine, clutch, transmission, fuel system, exhaust system, wheels, tires and brakes. Each chapter provides disassembly, repair and assembly procedures in simple step-by-step form. If a repair is impractical for a home mechanic, it is so indicated. It is usually faster and less expensive to take such repairs to a dealer or competent repair shop. Specifications concerning a particular system are included at the end of the appropriate chapter.

Some of the procedures in this manual specify special tools. In most cases, the tool is illustrated either in actual use or alone. Well-equipped mechanics may find they can substitute similar tools already on hand or can fabricate their own.

The terms **NOTE**, **CAUTION** and **WARNING** have a specific meaning in this manual. A **NOTE** provides additional information to make a step or procedure easier or clearer. Disregarding a **NOTE** could cause inconvenience, but would not cause equipment damage or personal injury.

A **CAUTION** emphasizes areas where equipment damage could result. Disregarding a **CAUTION** could cause permanent mechanical damage; however, personal injury is unlikely.

A **WARNING** emphasizes areas where personal injury or even death could result from negligence. Mechanical damage may also occur. **WARNINGS**

Copyright of Honda ATC, TRX, FOURTRX 70-125, 1970-1987 is the property of Penton Media, Inc. ("Clymer") and its content may not be copied or emailed to multiple sites or posted to a listserv without the copyright holder's express written permission. However, users may print, download, or email articles for individual use.